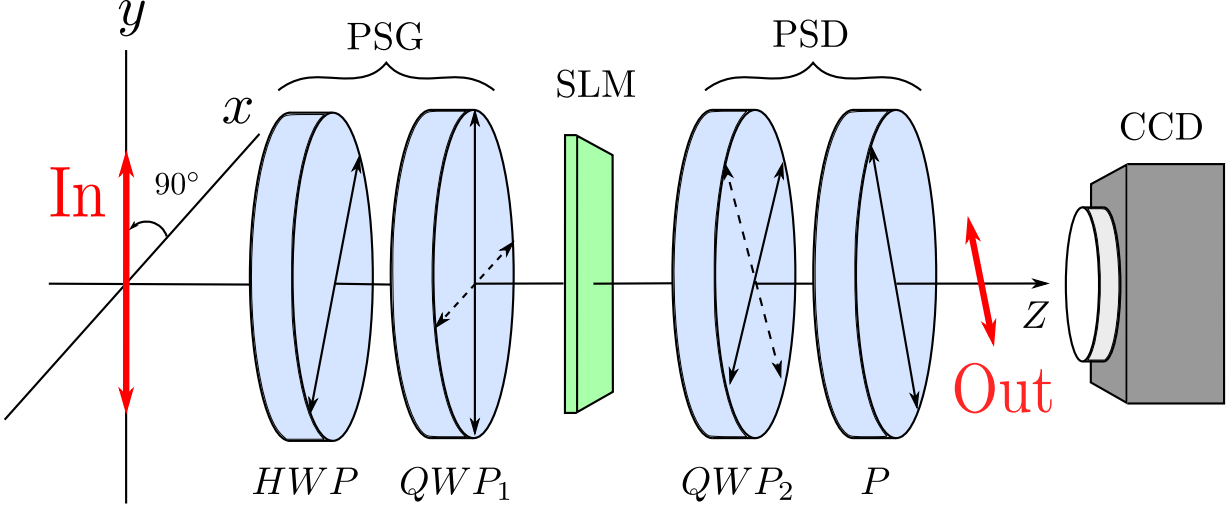

$$< J| = |J >^{\dagger} = \begin{pmatrix} J_x^* & J_y^* \end{pmatrix} \qquad |J >= \begin{pmatrix} J_x \\ J_y \end{pmatrix}$$

$$I = | < J|\mathbf{SLM}|J > |^2$$

$$= \left| \begin{pmatrix} J_x & J_y \end{pmatrix} \begin{pmatrix} X + iY & Z + iW \\ -Z + iW & X - iY \end{pmatrix} \begin{pmatrix} J_x \\ J_y \end{pmatrix} \right|^2$$